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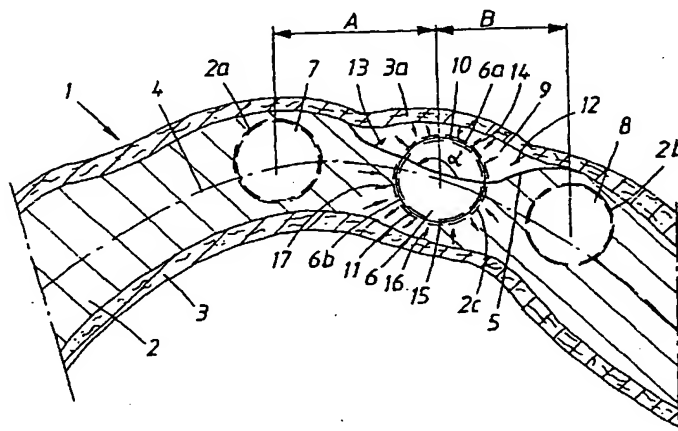
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(54) Title: **ARRANGEMENT FOR USING BIOACTIVE OR OSTEOINDUCTIVE MATERIAL TO BUILD UP A BONE-BASED LATERAL SUPPORT FOR IMPLANTS IN THE JAW BONE**



(57) Abstract: With the aid of bioactive or osteoinductive substances (10), a bone-based lateral support is built up for an implant (6) arranged in an assigned jaw bone hole in jaw bone (2) which extends defectively or irregularly. The implant is arranged so that it can be completely or partially covered by soft tissue, and possibly periosteum, or by a unit applied to the jaw bone and/or the implant. One or more spaces can in this way be formed on the lateral surface of the implant. Body fluid penetrates from or via the jaw bone and optionally the periosteum into the respective space. The osteoinductive or bioactive substances consist of matrix molecules, growth factors and differentiation factors and/or peptides with growth-stimulating properties, all called GSS, arranged in or the implant. Body fluid with cells is secreted and said GSS is released during an incorporation stage and forms, by interaction, new bone for said bone-based lateral support. A greater freedom of choice is thus made possible for the implant in defective or irregularly extending jaw bones, without compromising the stability or esthetic appearance of the implant.

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